Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 31 Oct 2023 until 23:59 on Wednesday 01 Nov 2023

Forecast Issued on Tuesday 31 Oct 2023 at 01:51

Confidence: High for unsettled, but lower for detail of worst of the conditions.

Headline for Tuesday 31 Oct 2023: Cloudy to overcast with periods of rain, though drier for the afternoon. Moderate easterly summit breezes.

Mountain weather hazards on Tuesday 31 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Heavy Rain	Drizzle	Fog	Fog	Fog
Precipitation probability					
70%	90%	70%	30%	20%	20%

Forecast for Tuesday 31 Oct 2023

Weather: A cloudy to overcast day with occasional rain, most persistent and heavy at times during the early to mid-morning, before turning drier through the afternoon. Area of moderate to heavy rain developing late evening.

Chance of cloud-free hill tops above 600m: 20%

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive down to 500m.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 31 Oct 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 E	11/16 E	10/14 E	9/13 NE	9/13 E	12/17 SE	16/22 SE
300	11/19 E	9/15 E	9/14 NE	9/14 E	7/12 NE	8/17 E	13/21 SE
Valley	14/28 E	12/23 E	10/18 E	10/17 E	10/17 E	9/16 E	8/19 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	5/2	6/2	5/2	5/2	6/3	6/3
300	7/4	7/5	8/5	8/5	7/5	8/6	9/6
Valley	8/4	8/5	8/5	8/6	8/5	8/6	9/6
Freezing Level*	1700m	1600m	1700m	1600m	1500m	1600m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Difficult conditions for Tuesday with quite extensive hill fog even when turning drier during the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 31 Oct 2023	9.2mm	10.6mm	17.4mm

Forecast for Wednesday 01 Nov 2023

Weather: Unsettled with showers or longer periods of rain which turn heavy at times, bringing the risk of hail and thunder for the afternoon. Best chance of seeing brighter spells for a time around mid-day.

Maximum wind: South to southeast 25 mph with gusts 35 mph. Winds gradually easing and veering from late morning.

Chance of cloud-free hill tops above 600m: 10-20% becoming 40% for a time around mid-day.

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases quite extensive down to 500m, but probably lifting and breaking for a time around mid-day.

Temperature: **Valleys:** Plus 5 Celsius increasing 14 Celsius for the afternoon
At 600m: Plus 7-8 Celsius lowering plus 3-4 Celsius by evening
Freezing level: Above all summits

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